

**Part Number:** **0470183000**  
**Status:** **Obsolete**  
**Overview:** serial ata 127 host receptacles  
**Description:** 1.27mm (.050") Pitch Serial ATA Host Receptacle, Mating Height 4.70mm (.185"), Gold (Au) Flash, Light Tin Solder Area, Surface Mount, Right Angle, Top Mount Type, 22 Circuits, Lead Free



**Documents:**  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<u>47018</u>
Application	Board-to-Board, Signal
Comments	Top Mount Type
Overview	<u>serial ata 127 host receptacles</u>
Product Name	Serial ATA

**Physical**

Circuits (Loaded)	22
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Termination	2.032µm (80µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC

**Solder Process Data**

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	230

**Material Info**

**EU RoHS**  
**ELV and**  
**Compliance**  
**REACH**  
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**Low-Hal**  
 Not Revi

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## Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-67492-001

SD-47018-001

This document was generated on 03/14/2011

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